

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

06/09/2011

Aimee Conway
Assistant District Attorney, Essex County

Dear ADA Conway,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Dookhan & Sosha Haynes.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Sosha Haynes was the custodial chemist and performed the preliminary testing and net weight for this sample. Annie Dookhan was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Dookhan
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION



The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug
Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Amherst Drug
Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Boston Hours
8:00 – 11:00
2:00 – 4:00

Amherst Hours
9:00 – 12:00
1:00 – 4:00

DRUG RECEIPT

City or Department: PEABODY Police Reference No.: [REDACTED]

Name and Rank of Submitting Officer: Det Robert L. Russell

Defendant(s) Name (last, first, initial)
[REDACTED]

Description of Samples	To be completed by Lab Personnel	
	Gross Weight	Lab Number
2 sm P/B containing white powder	4.7 gm	[REDACTED]

Received by: AS Date: 2-22-05



The Commonwealth of Massachusetts
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Boston Hours
8:00 – 11:00
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9:00 – 12:00
1:00 – 4:00

DRUG RECEIPT

City or Department:

PEABODY

Police Reference No.:



Name and Rank of Submitting Officer:

Det Robert L. Russell

Defendant(s) Name (last, first, initial)



Description of Samples

3 P/B containing white powder

To be completed by Lab Personnel

Gross Weight

Lab Number

4.0 gm



Received by:

Date:

2-22-05

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Responsible for the Quality Control/Quality Assurance program for the drug lab.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Prelim: *Susp. COCAINE*

No. [REDACTED] Date Analyzed: 03-08-05

City: PEABODY

Def: [REDACTED]

Am't: Sub: SUB Cont: 2 PB

#TESTED: 1

Date Rec: 02/22/2005 From: DET. ROBERT RUSSELL

Gross Wt: 4.70

Tests: *7*

Net Weight: *0.49*

0.2930

FINDINGS:

COCAINE

QUANT:

Prelim: *Susp. Cocaine*

No. [REDACTED]

Date Analyzed: 03-08-05

City: PEABODY

Def: [REDACTED]

Am't: Sub: SUB Cont: 3 PB

#TESTED: 1

Date Rec: 02/22/2005 From: DET. ROBERT RUSSELL

Gross Wt: 5.50

Tests: 7
AMP

Net Weight: *0.47*

12 ASD

FINDINGS:

cocaine

QUANT:

Prelim: *Susp. Cocaine*

No. 742332

Date Analyzed: 03-08-05

City: PEABODY

Def: CORREA, JORGE

Am't: Sub: SUB Cont: 3 PB

#TESTED: 1

Date Rec: 02/22/2005 From: DET. ROBERT RUSSELL

Gross Wt: 4.00

Tests: 7
AMP

Net Weight: *0.50*

12 ASD

FINDINGS:

cocaine

QUANT:

DRUG POWDER ANALYSIS FORM

SAMPLE #

AGENCY

Peabody

ANALYST SMH

Def: [REDACTED]

PHYSICAL DESCRIPTION:

Env

Evidence bag signed & sealed

2 PB of white powder

Gw of 2PB = 1.1090

Gw of 1PB = 0.5819

w of PB = 0.0856

0.4963

Cobalt \oplus

Marguis \ominus

Froehde \ominus

Mecke \ominus

TLTA \oplus

AUCI \oplus

GC/MS \oplus ASD

PRELIMINARY TEST RESULTS

COCAINE

HEROIN

NEGATIVE

OTHER _____

DATE

3-4-05

FINAL TEST RESULTS

COCAINE

HEROIN

NEGATIVE

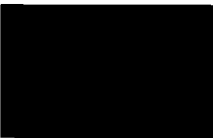
OTHER _____

DATE

3-8-05

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY Pearbody

ANALYST SMH

Def:

PHYSICAL DESCRIPTION:

E_{nt} ✓
Evidence bag signed & sealed

3 PB of white powder

Gw of 3 PB = 1.8579

Gw of 1 PB = 0.6569

w of PB = 0.1807

0.4762

Cobalt ⊕

Marguis ⊖

Froehde ⊖

Mecke ⊖

TLTA ⊕

HUCI ⊕

GC/MS ⊕ ASD

PRELIMINARY TEST RESULTS

COCAINE

HEROIN

NEGATIVE

OTHER _____

DATE: 3-4-05

FINAL TEST RESULTS

COCAINE

HEROIN

NEGATIVE

OTHER _____

DATE: 3-8-05

DRUG POWDER ANALYSIS FORM

SAMPLE #



Peabody

ANALYST SMH

Def:

PHYSICAL DESCRIPTION:

EW
Evidence bag signed & sealed

3PB of white powder

Gw of 3PB = 1.08870

Gw of 1PB = 0.6770

W of PB = 0.1746
0.5024

Cobalt ⊕

Marquis ⊖

Froehde ⊖

Mecke ⊖

TLTA ⊕

Auel ⊕

GC/MS ⊕ ASD

PRELIMINARY TEST RESULTS

COCAINE

HEROIN

NEGATIVE

OTHER _____

DATE

3-4-05

FINAL TEST RESULTS

COCAINE

HEROIN

NEGATIVE

OTHER _____

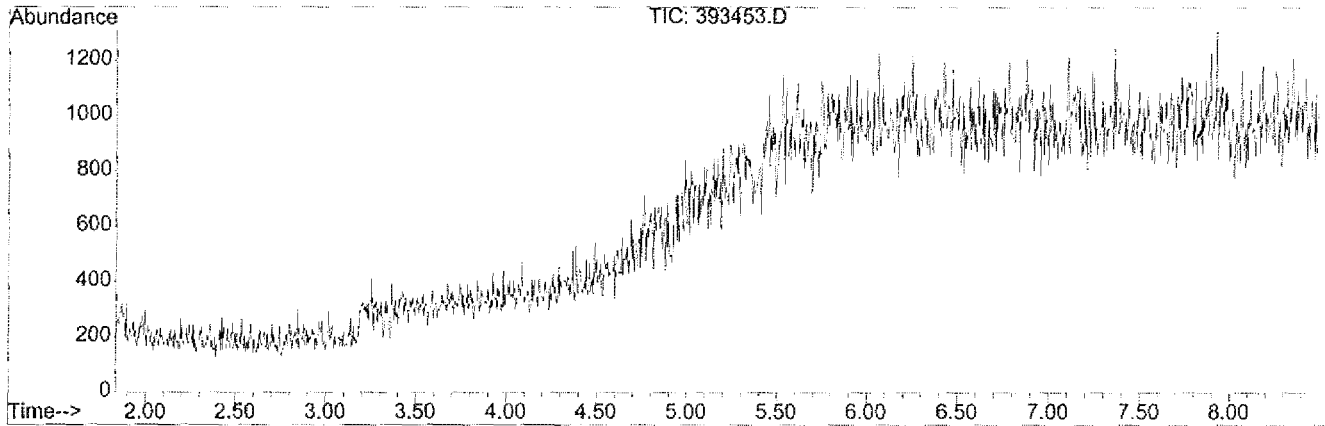
DATE

3-8-05

Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM6\03_07_05\393453.D
Operator : ASD
Date Acquired : 7 Mar 2005 20:50
Sample Name : BLANK
Submitted by :
Vial Number : 53
AcquisitionMeth: DRUGS
Integrator : RTE



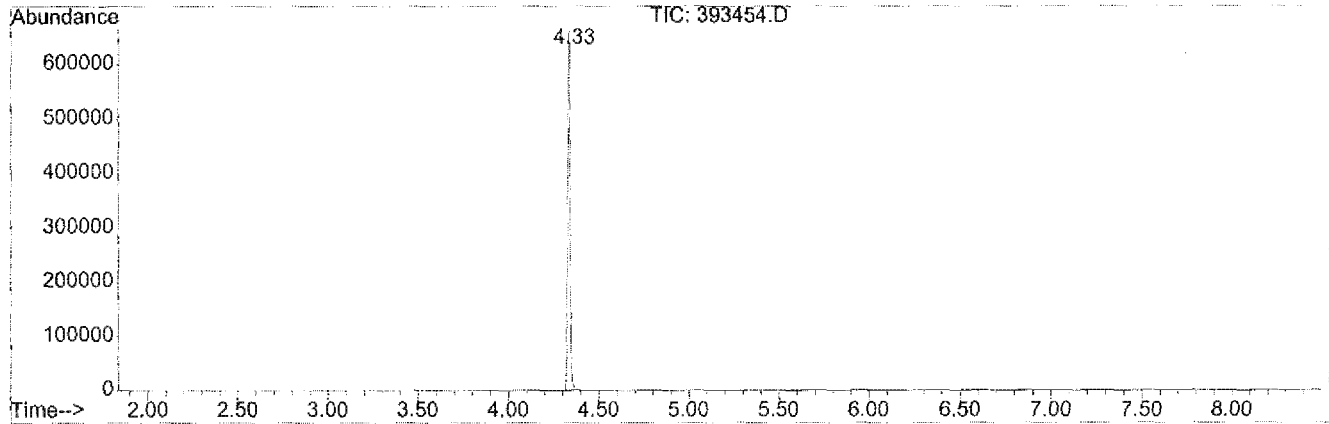
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM6\03_07_05\393454.D
Operator : ASD
Date Acquired : 7 Mar 2005 21:02
Sample Name : COCAINE STD
Submitted by :
Vial Number : 54
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.331	633790	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

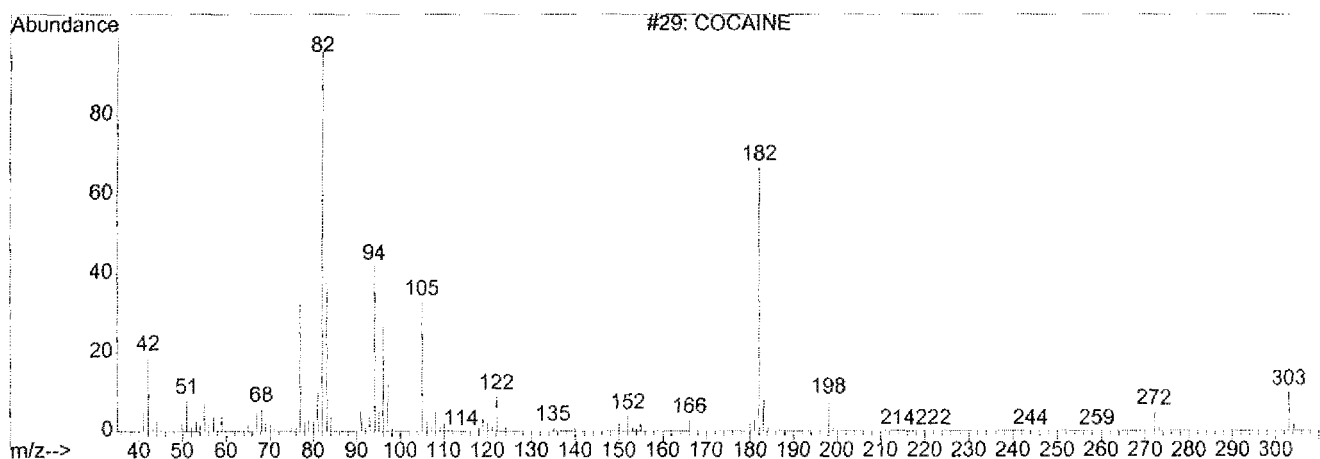
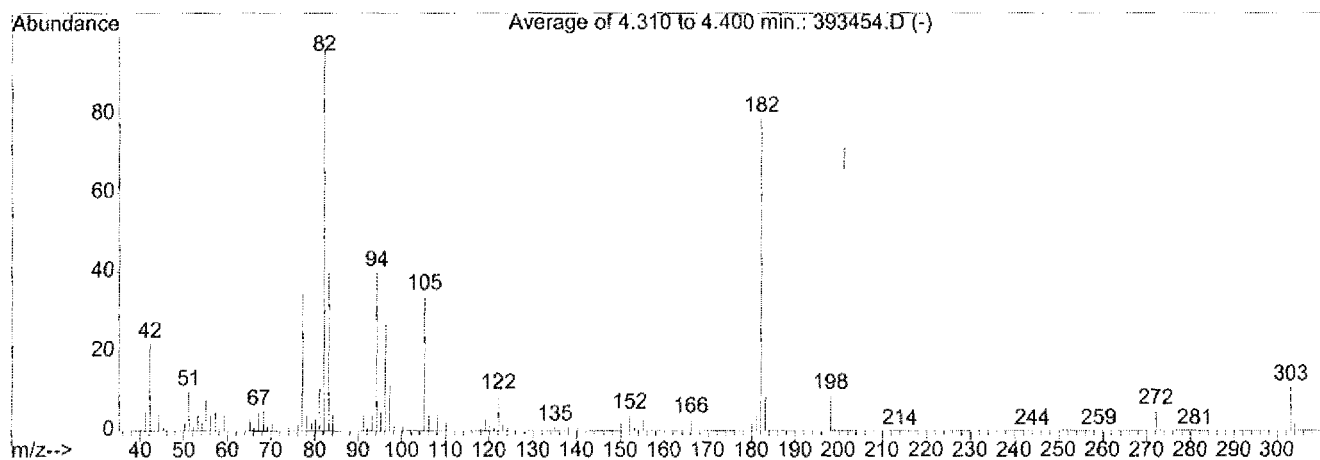
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File Name       : E:\SYSTEM6\03_07_05\393454.D
Operator        : ASD
Date Acquired   : 7 Mar 2005 21:02
Sample Name     : COCAINE STD
Submitted by    :
Vial Number     : 54
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

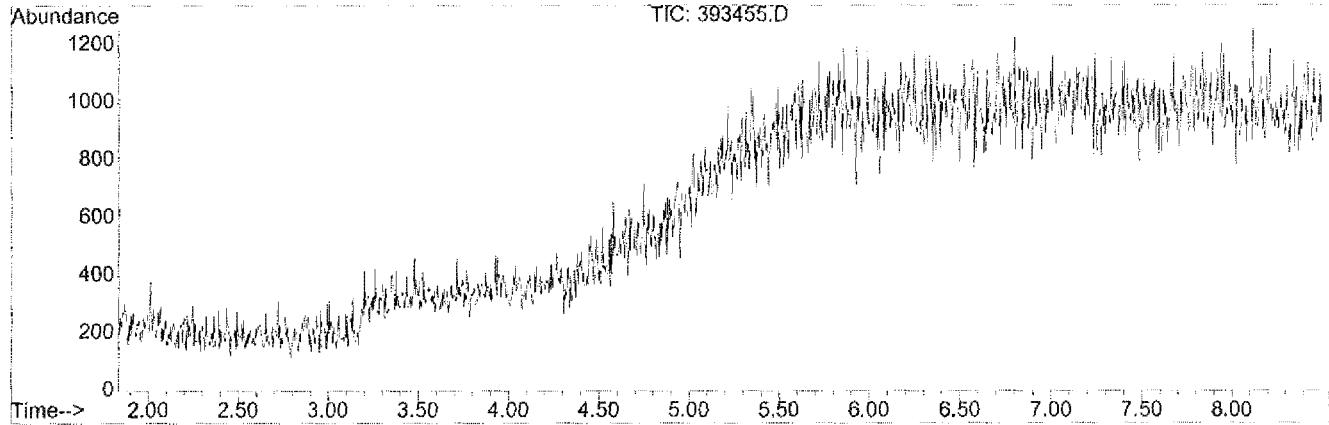
PK#	RT	Library/ID	CAS#	Qual
1	4.33	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM6\03_07_05\393455.D
Operator : ASD
Date Acquired : 7 Mar 2005 21:14
Sample Name : BLANK
Submitted by : SMH
Vial Number : 55
AcquisitionMeth: DRUGS
Integrator : RTE



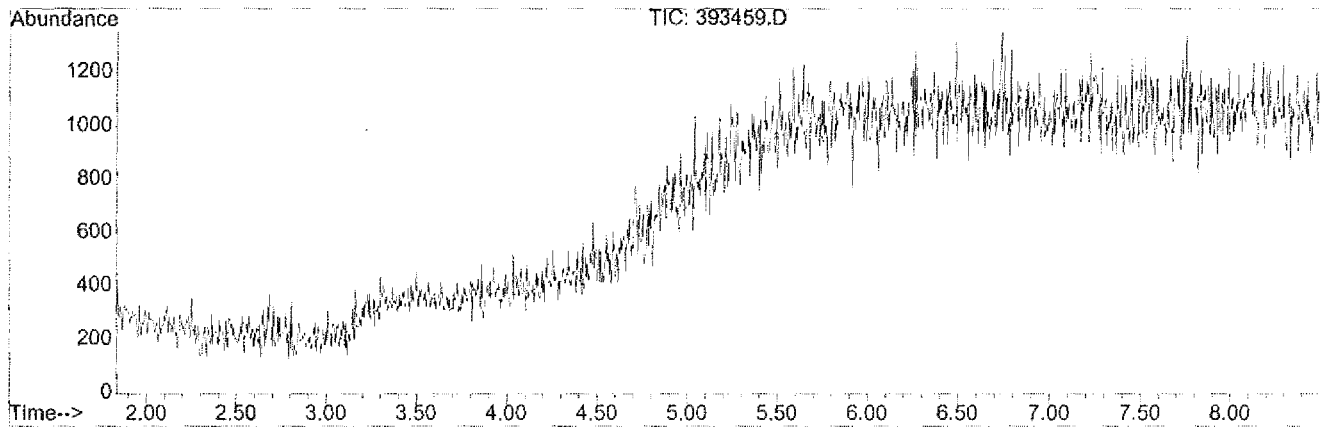
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM6\03_07_05\393459.D
Operator : ASD
Date Acquired : 7 Mar 2005 22:01
Sample Name : BLANK
Submitted by : SMH
Vial Number : 59
AcquisitionMeth: DRUGS
Integrator : RTE



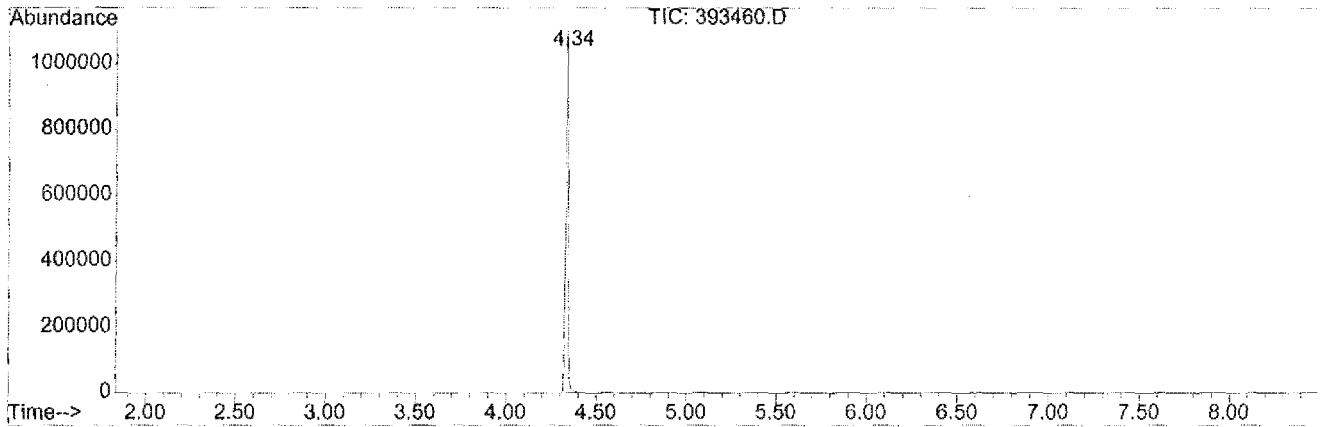
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM6\03_07_05\393460.D
Operator : ASD
Date Acquired : 7 Mar 2005 22:13
Sample Name : XXXXXXXXXX
Submitted by : SMH
Vial Number : 60
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.337	1026921	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

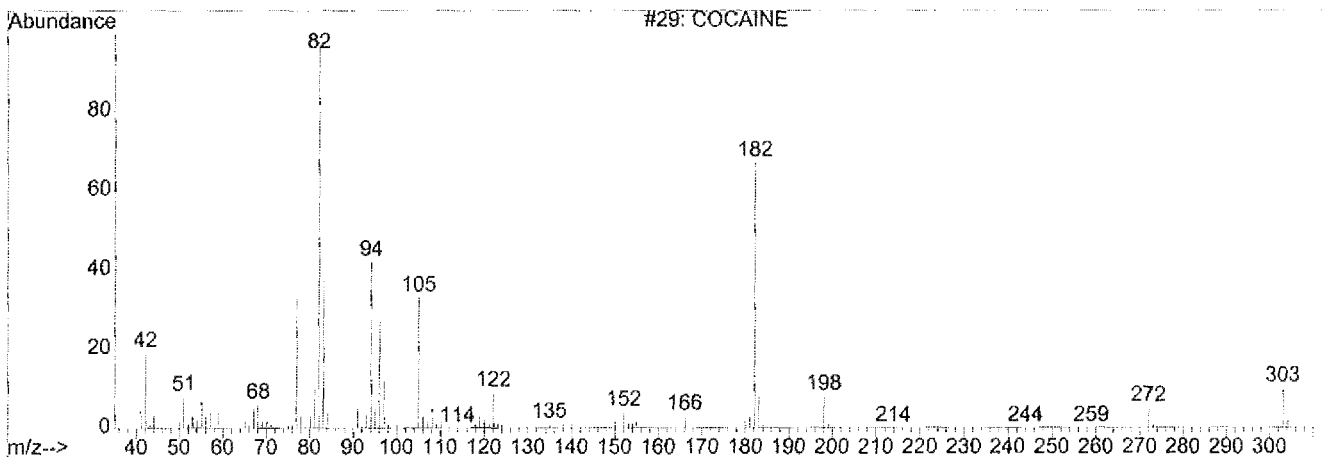
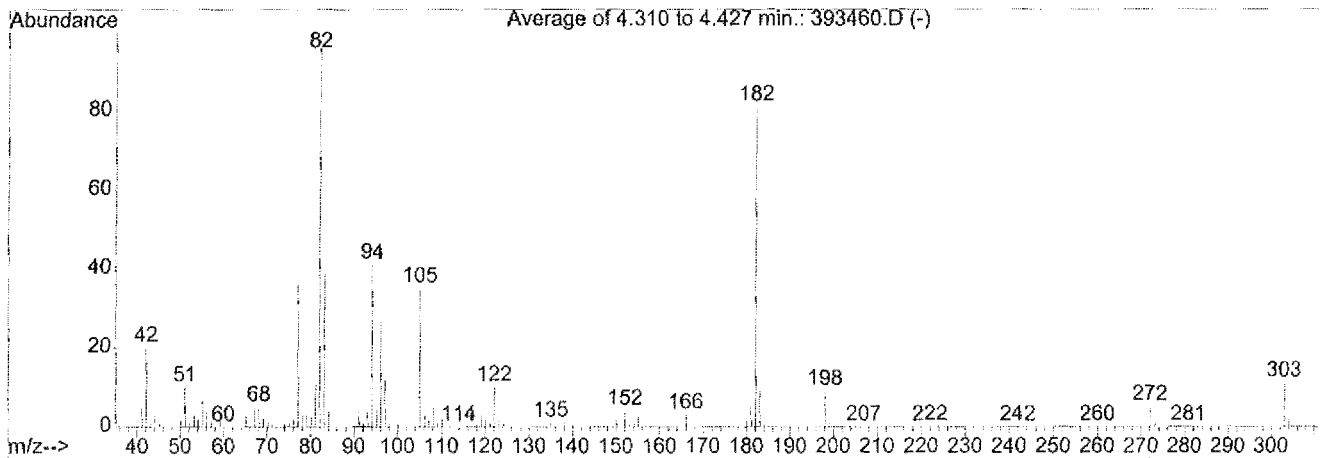
```

File Name       : E:\SYSTEM6\03_07_05\393460.D
Operator        : ASD
Date Acquired   : 7 Mar 2005 22:13
Sample Name     : ██████████
Submitted by    : SMH
Vial Number     : 60
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

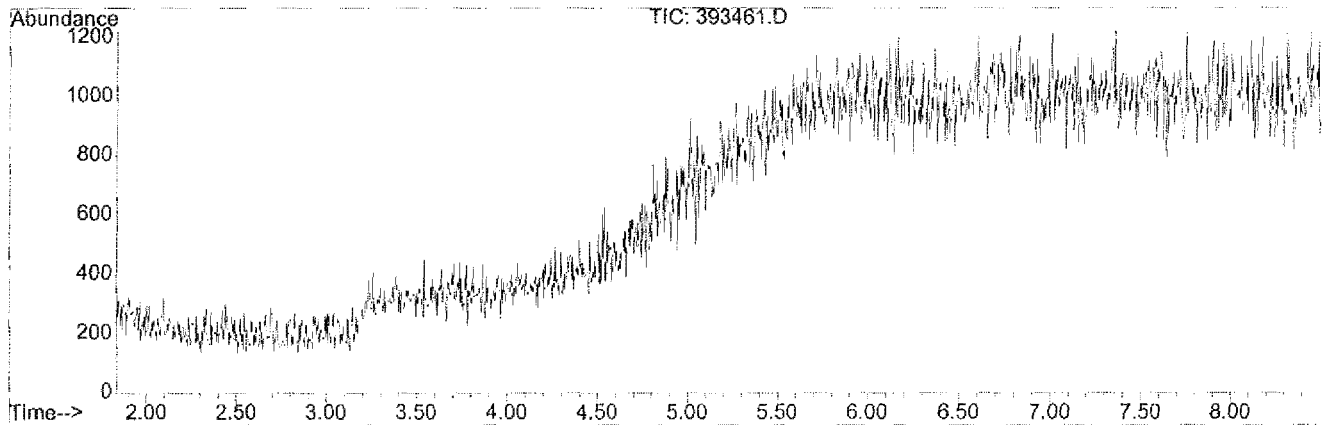
PK#	RT	Library/ID	CAS#	Qual
1	4.34	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM6\03_07_05\393461.D
Operator : ASD
Date Acquired : 7 Mar 2005 22:25
Sample Name : BLANK
Submitted by : SMH
Vial Number : 61
AcquisitionMeth: DRUGS
Integrator : RTE



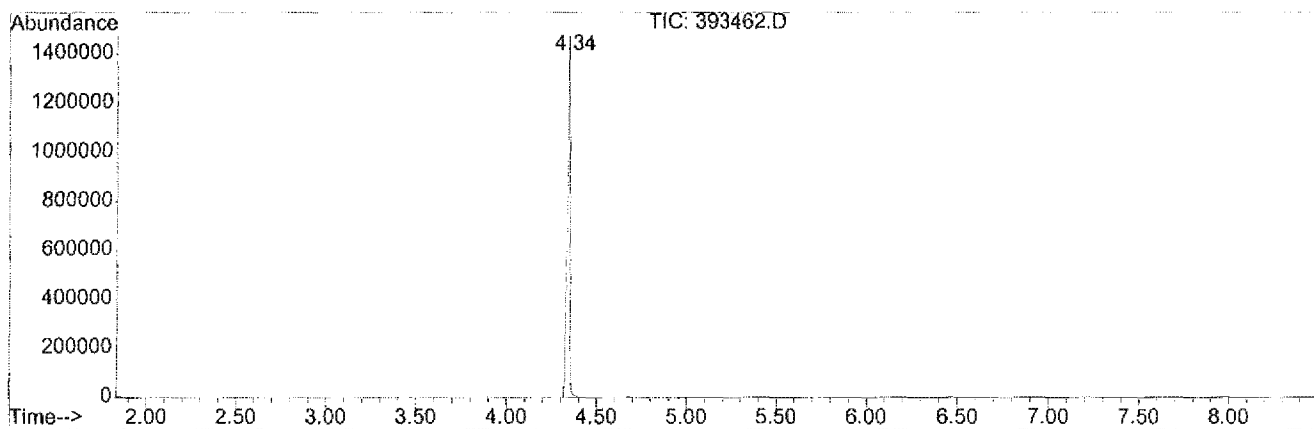
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM6\03_07_05\393462.D
 Operator : ASD
 Date Acquired : 7 Mar 2005 22:37
 Sample Name : XXXXXXXXXX
 Submitted by : SMH
 Vial Number : 62
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.342	1552985	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

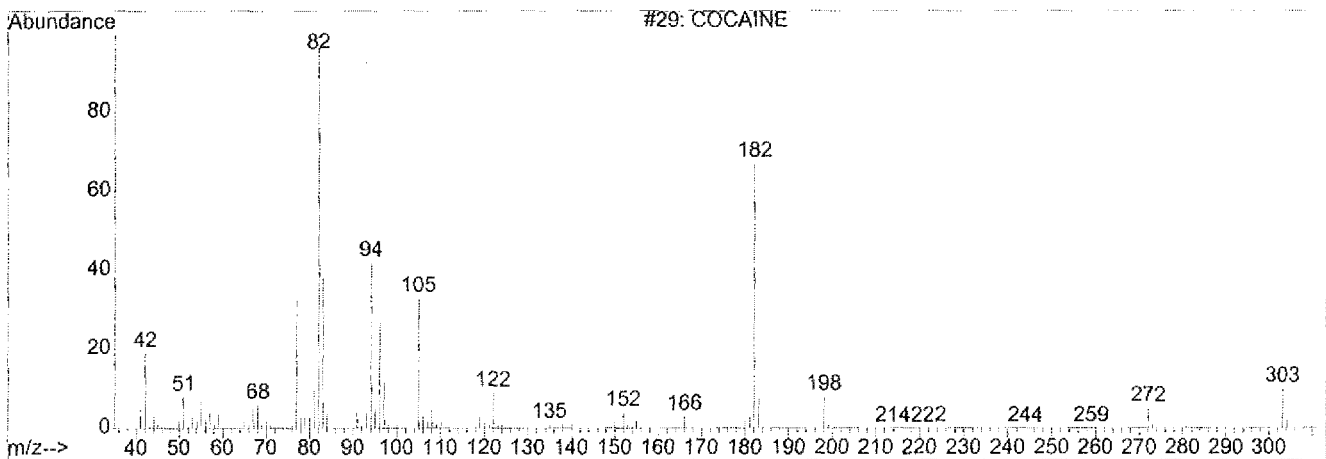
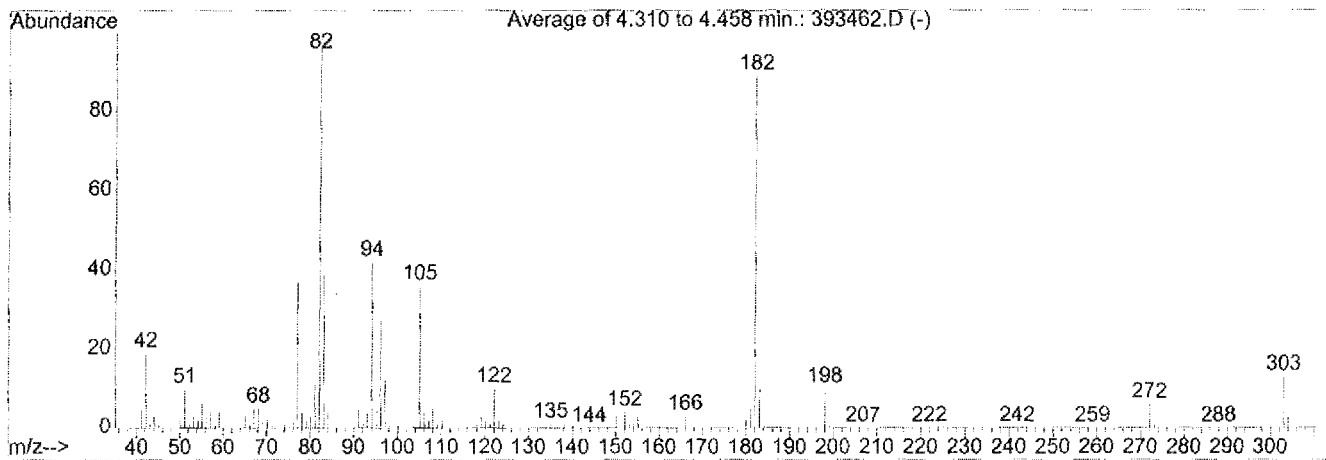
```

File Name       : E:\SYSTEM6\03_07_05\393462.D
Operator        : ASD
Date Acquired   : 7 Mar 2005 22:37
Sample Name     : ██████████
Submitted by    : SMH
Vial Number     : 62
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

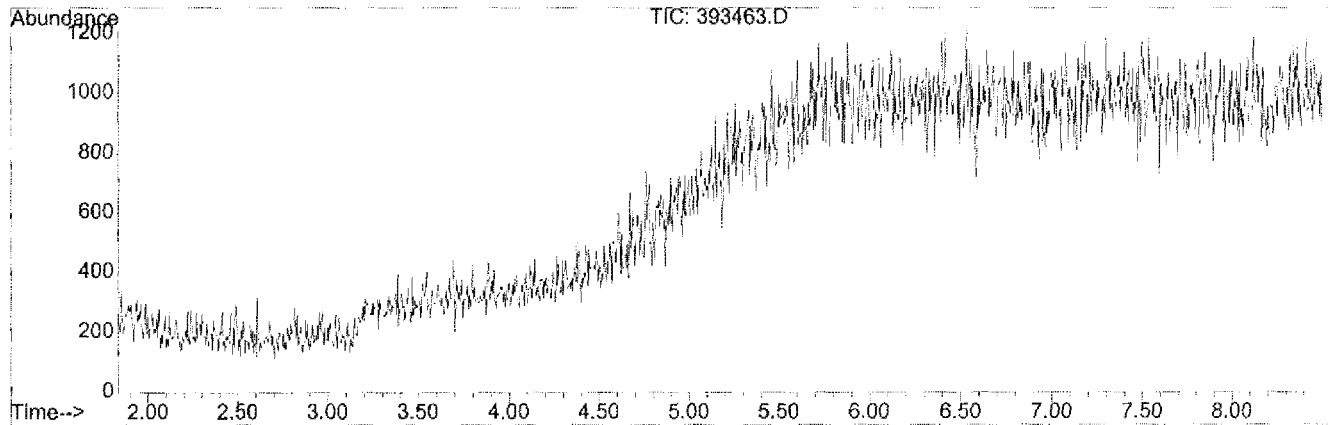
PK#	RT	Library/ID	CAS#	Qual
1	4.34	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM6\03_07_05\393463.D
Operator : ASD
Date Acquired : 7 Mar 2005 22:49
Sample Name : BLANK
Submitted by : ELO
Vial Number : 63
AcquisitionMeth: DRUGS
Integrator : RTE



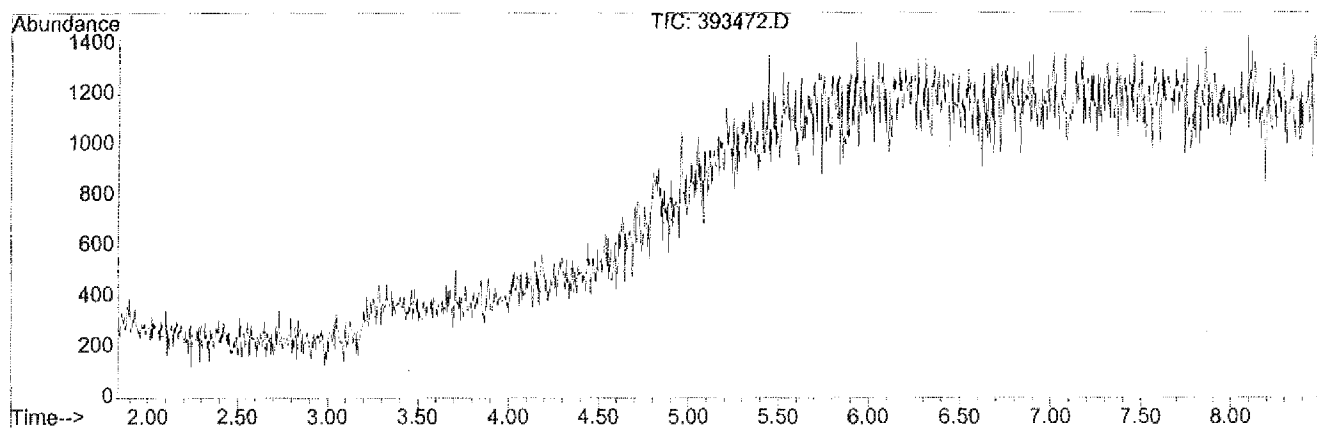
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM6\03_07_05\393472.D
Operator : ASD
Date Acquired : 8 Mar 2005 00:35
Sample Name : BLANK
Submitted by :
Vial Number : 72
AcquisitionMeth: DRUGS
Integrator : RTE



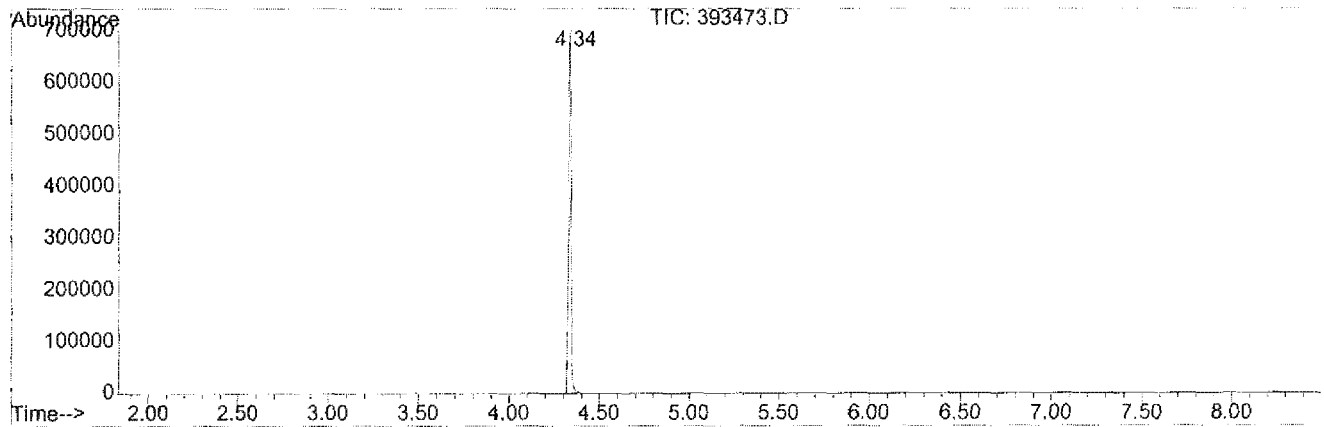
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM6\03_07_05\393473.D
 Operator : ASD
 Date Acquired : 8 Mar 2005 00:47
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 73
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.337	661370	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

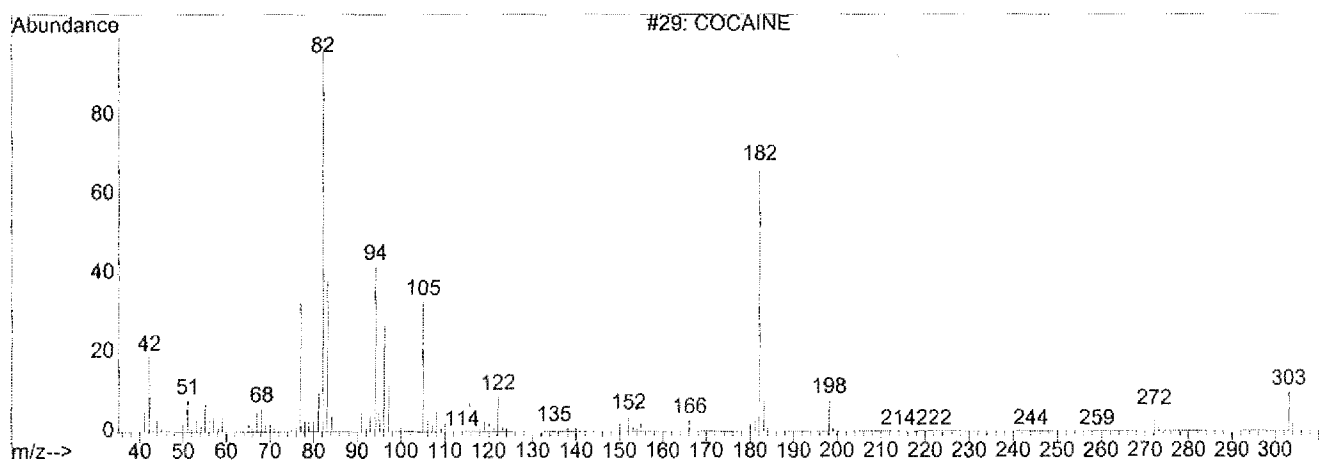
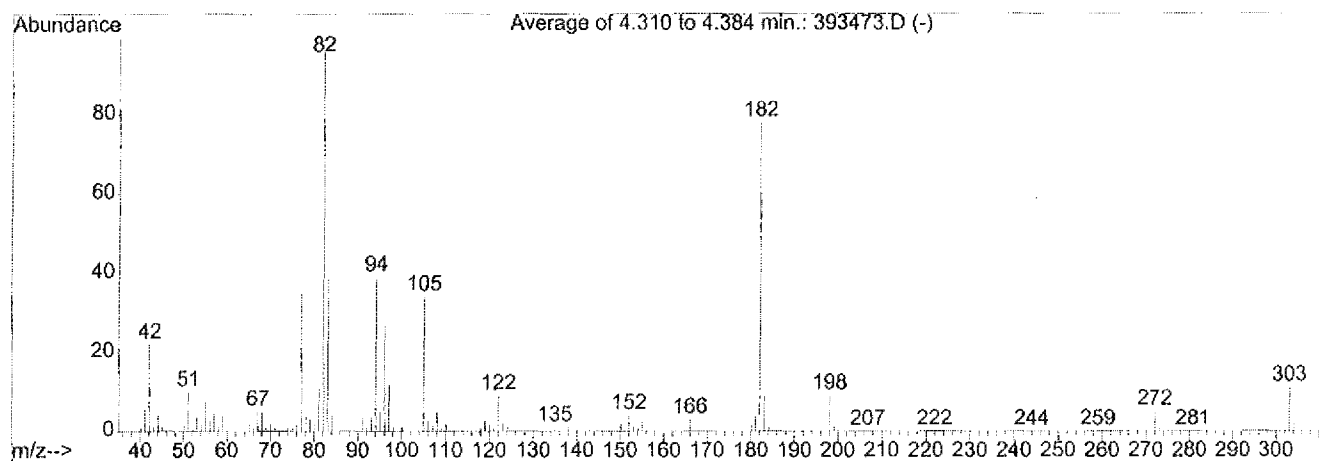
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File Name       : E:\SYSTEM6\03_07_05\393473.D
Operator        : ASD
Date Acquired   : 8 Mar 2005 00:47
Sample Name     : COCAINE STD
Submitted by    :
Vial Number     : 73
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

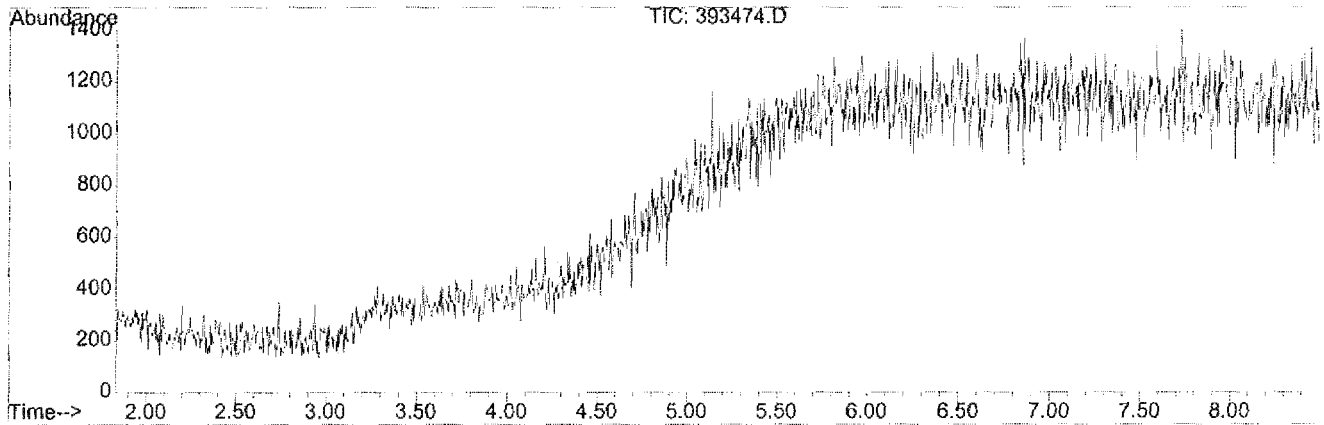
PK#	RT	Library/ID	CAS#	Qual
1	4.34	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM6\03_07_05\393474.D
Operator : ASD
Date Acquired : 8 Mar 2005 00:59
Sample Name : BLANK
Submitted by : SMH
Vial Number : 74
AcquisitionMeth: DRUGS
Integrator : RTE



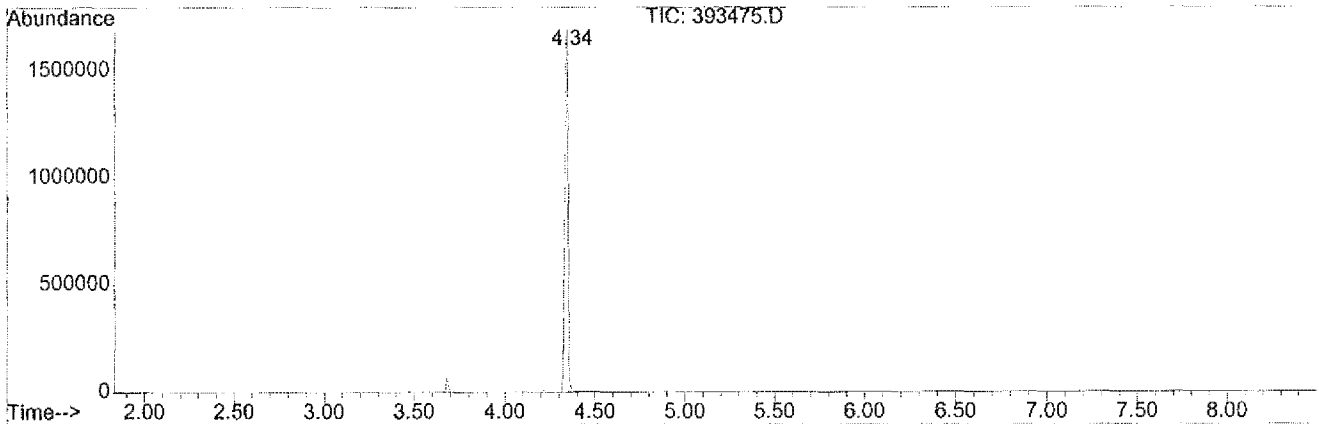
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM6\03_07_05\393475.D
Operator : ASD
Date Acquired : 8 Mar 2005 1:11
Sample Name : XXXXXXXXXX
Submitted by : SMH
Vial Number : 75
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.342	2108778	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

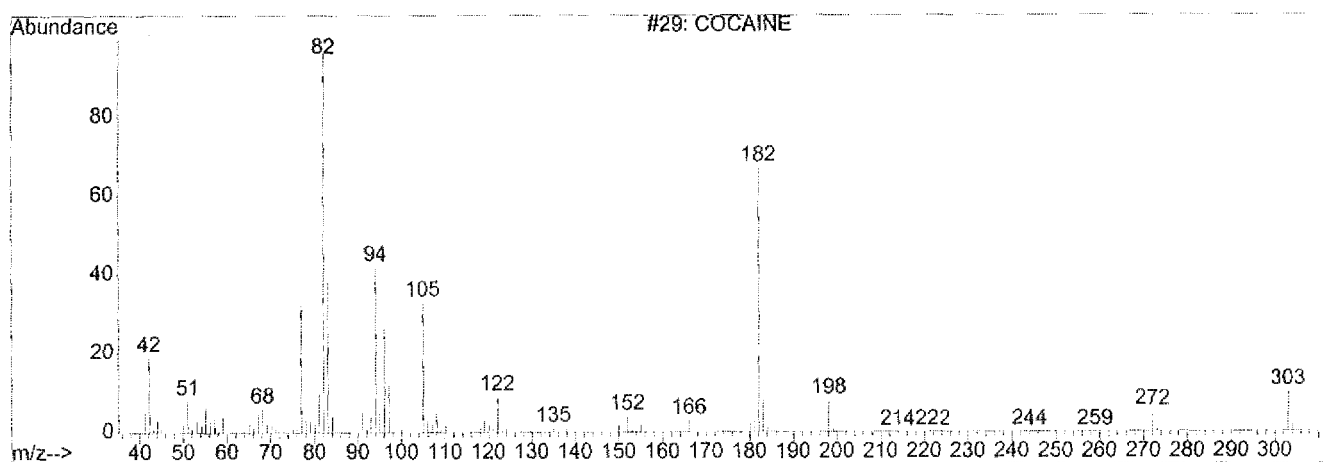
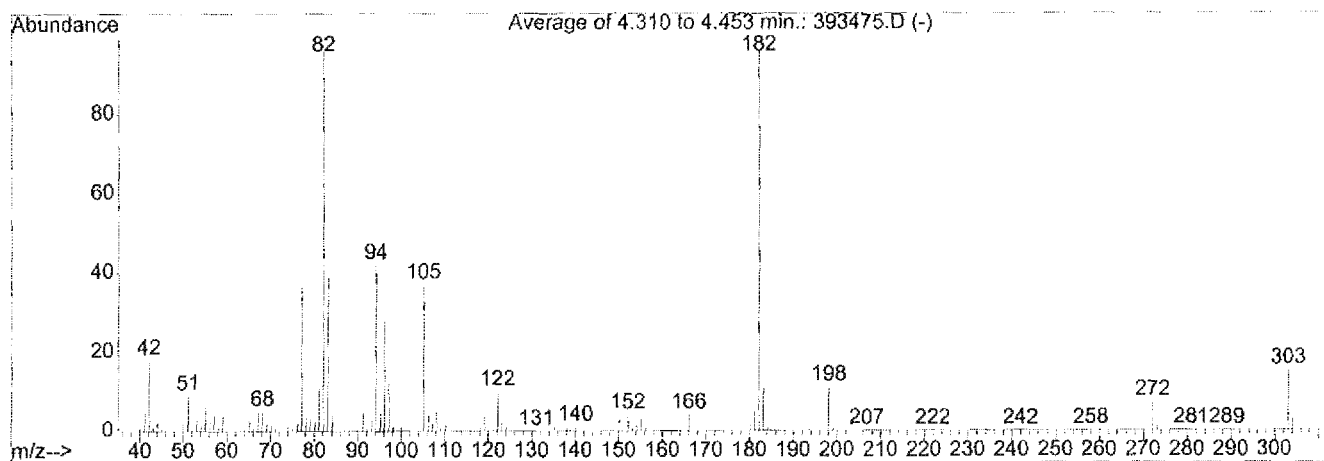
```

File Name       : E:\SYSTEM6\03_07_05\393475.D
Operator        : ASD
Date Acquired   : 8 Mar 2005   1:11
Sample Name     : 
Submitted by    : SMH
Vial Number     : 75
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

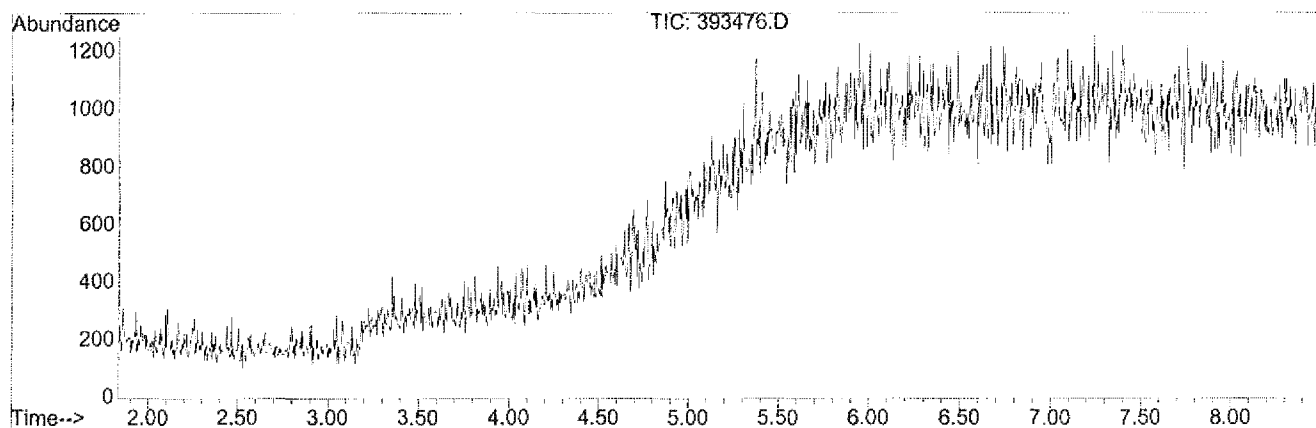
PK#	RT	Library/ID	CAS#	Qual
1	4.34	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM6\03_07_05\393476.D
Operator : ASD
Date Acquired : 8 Mar 2005 1:23
Sample Name : BLANK
Submitted by : SMH
Vial Number : 76
AcquisitionMeth: DRUGS
Integrator : RTE



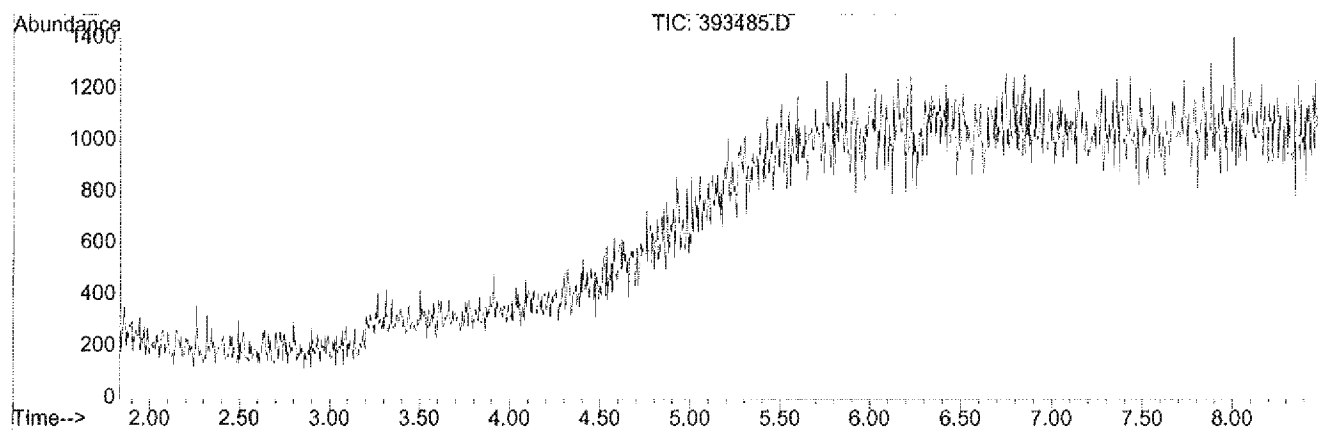
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM6\03_07_05\393485.D
Operator : ASD
Date Acquired : 8 Mar 2005 3:09
Sample Name : BLANK
Submitted by :
Vial Number : 85
AcquisitionMeth: DRUGS
Integrator : RTE



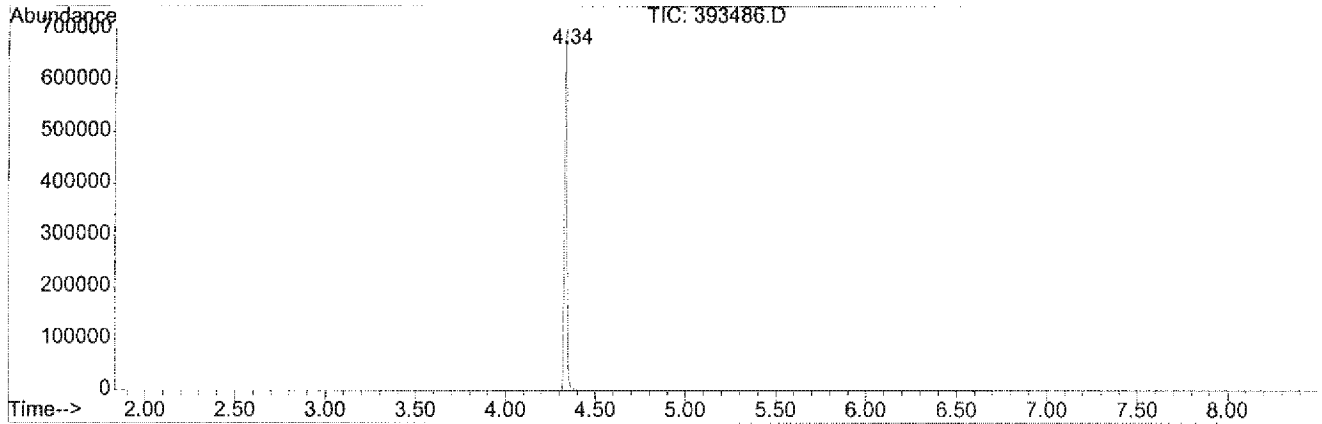
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM6\03_07_05\393486.D
Operator : ASD
Date Acquired : 8 Mar 2005 3:21
Sample Name : COCAINE STD
Submitted by :
Vial Number : 86
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.337	653839	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

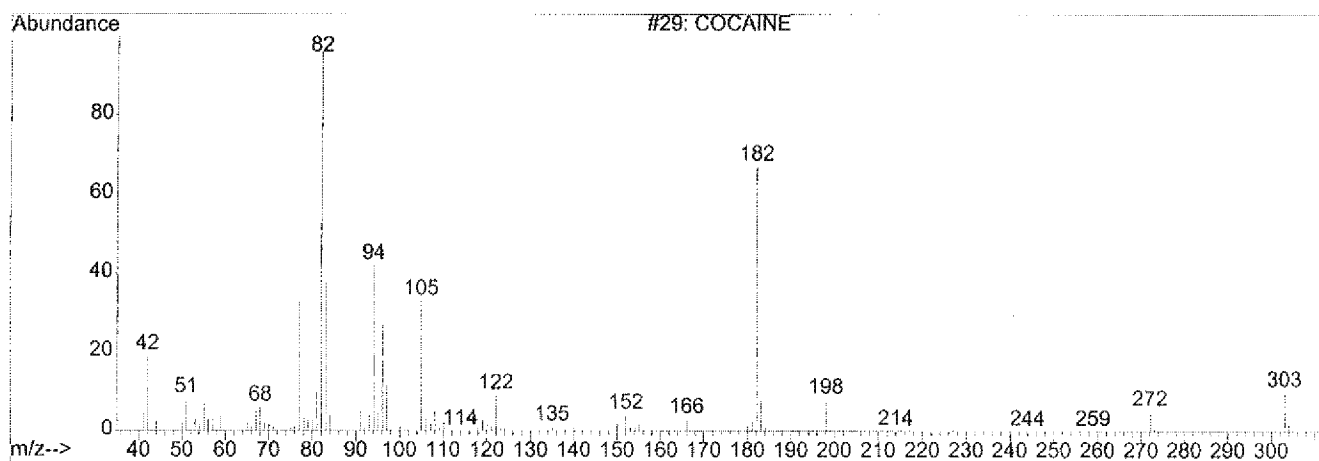
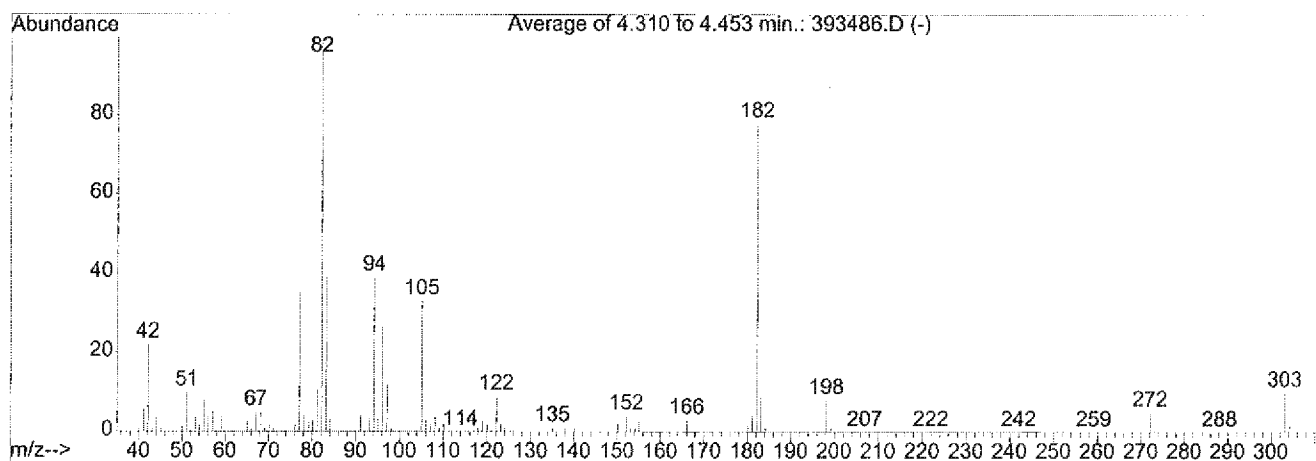
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File Name       : E:\SYSTEM6\03_07_05\393486.D
Operator        : ASD
Date Acquired   : 8 Mar 2005   3:21
Sample Name     : COCAINE STD
Submitted by    :
Vial Number     : 86
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

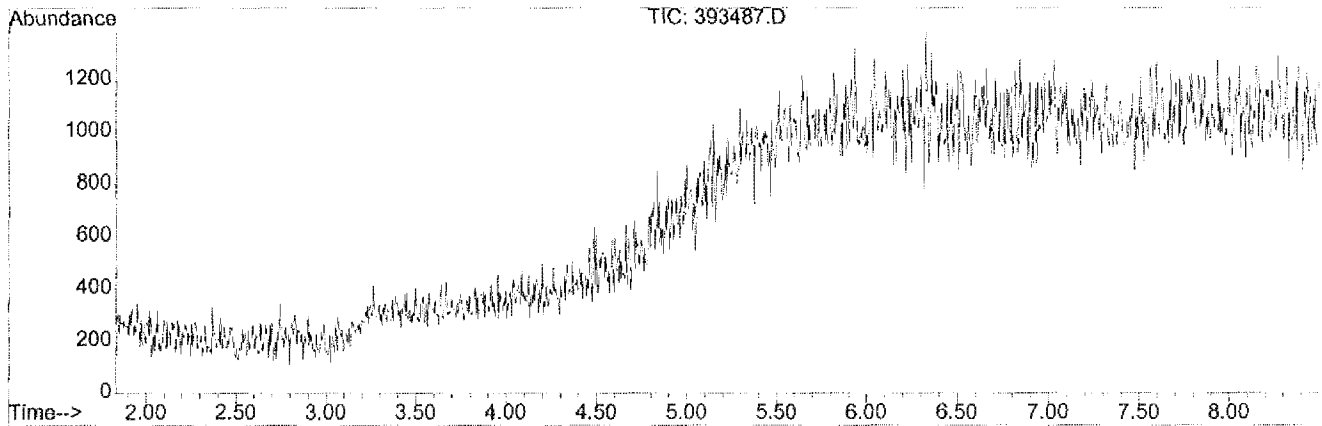
PK#	RT	Library/ID	CAS#	Qual
1	4.34	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : E:\SYSTEM6\03_07_05\393487.D
Operator : ASD
Date Acquired : 8 Mar 2005 3:33
Sample Name : BLANK
Submitted by :
Vial Number : 87
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS